

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference B1075.70036	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 03/36488	International filing date (day/month/year) 17/11/2003	(Earliest) Priority Date (day/month/year) 15/11/2002
Applicant C.R. BARD, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☒ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III: The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

6

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

/US 03/36488

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61B18/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 151 726 A (BIOSENSE WEBSTER INC) 7 November 2001 (2001-11-07)	1, 8-17, 19-24, 35
Y	paragraph '0019!	2
X	US 6 287 306 B1 (PENDAKANTI RAJESH ET AL) 11 September 2001 (2001-09-11)	1, 10-12, 15, 16, 19-21, 35
	column 4, line 37 - line 64; figure 4	
X	US 2002/072744 A1 (BOWMAN BRETT ET AL) 13 June 2002 (2002-06-13)	25-27, 29-32
	paragraph '0045!; figure 8	
X	US 6 280 441 B1 (RYAN THOMAS PATRICK) 28 August 2001 (2001-08-28)	25-27, 29-32
	column 6, line 32 - line 50; figure 6	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

16 April 2004

Date of mailing of the international search report

22/04/2004

Name and mailing address of the ISA

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Mayer-Martenson, E

INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 456 863 B1 (FLEISCHMAN SIDNEY D ET AL) 24 September 2002 (2002-09-24) column 4, line 65 -column 5, line 29; figures 3,4 ----	33,34
Y	US 6 030 382 A (FLEISCHMAN SIDNEY D ET AL) 29 February 2000 (2000-02-29) column 13; claim 1 ----	2,33,34
A		1
A	US 6 413 255 B1 (STERN ROGER A) 2 July 2002 (2002-07-02) column 6, line 40 - line 46; figure 3 -----	1

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-32,35

electrodes with different mid and end portions

2. Claims: 33,34

electrodes with end portion partly covered by shaft

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US 03/36488

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/US 03/36488

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1151726	A	07-11-2001	US 6475214 B1 EP 1151726 A1 JP 2002119519 A	05-11-2002 07-11-2001 23-04-2002
US 6287306	B1	11-09-2001	US 2004039382 A1	26-02-2004
US 2002072744	A1	13-06-2002	US 6346102 B1 US 6068626 A US 5954715 A AU 758284 B2 AU 7148198 A CA 2311375 A1 EP 1005296 A1 WO 9855046 A1	12-02-2002 30-05-2000 21-09-1999 20-03-2003 21-12-1998 10-12-1998 07-06-2000 10-12-1998
US 6280441	B1	28-08-2001	NONE	
US 6456863	B1	24-09-2002	US 6078830 A	20-06-2000
US 6030382	A	29-02-2000	US 5797905 A US 6245068 B1 US 2001014770 A1 CA 2237563 A1 DE 69621845 D1 DE 69621845 T2 EP 0955917 A1 ES 2176512 T3 JP 2000500363 T WO 9717904 A1 CA 2174129 A1 EP 0754075 A1 JP 9509069 T WO 9510318 A1 US 6197021 B1 US 2002193790 A1 US 2003065322 A1 US 6357447 B1 US 6471699 B1 US 6500172 B1 US 6106522 A US 5810802 A US 6129724 A US 5991650 A	25-08-1998 12-06-2001 16-08-2001 22-05-1997 18-07-2002 02-01-2003 17-11-1999 01-12-2002 18-01-2000 22-05-1997 20-04-1995 22-01-1997 16-09-1997 20-04-1995 06-03-2001 19-12-2002 03-04-2003 19-03-2002 29-10-2002 31-12-2002 22-08-2000 22-09-1998 10-10-2000 23-11-1999
US 6413255	B1	02-07-2002	US 2002151887 A1 US 2002156471 A1 US 2003216728 A1 US 2004034346 A1 US 2003199866 A1 US 2004002704 A1 US 2004000316 A1 US 2003212393 A1 US 2004030332 A1 US 2004002705 A1 US 2003220635 A1 AU 3741500 A CA 2364098 A1 EP 1158919 A1	17-10-2002 24-10-2002 20-11-2003 19-02-2004 23-10-2003 01-01-2004 01-01-2004 13-11-2003 12-02-2004 01-01-2004 27-11-2003 28-09-2000 14-09-2000 05-12-2001

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Information on patent family members

International Application No

/US 03/36488

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6413255	B1	JP 2002537939 A WO 0053113 A1	12-11-2002 14-09-2000
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